SBR No. 05/20-21
05/10/2025

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494072

erial No. ... St and final Bill

ame of Work ..... From ..... To .....

me of Contractor of nature of Agency ... Sri. Gopinath Reddy, Hebbal Bill-30

te of commencement of work ... D.O.R: .....

ate	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Name of work: Drilling of Borewell, providing and installing pump, motor and other accessories at nirupashapura, Doddaballapura assembly, Thirdly nidhyaranyapura area in ward no. 09 nidhyaranyapura sub-Div Est amt Rs: 10.00 lakhs. Head of A/c: P150A, Job code no: 009-20-00001/4 Work order No: BBMP/EE/BTP/W09/60/2020-21 Dt: 30/12/2020, AS. No: AS/EE(BTP)/27/20-21 Dt: 20/03/21 TS No: TS/CE(Y&K)/37/20-21 Dt: 27/03/20						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No 1)	Geophysical investigation of site for Sinking Borewell for supplying drinking water to the habitation cigher through the hand pump, mfg. of P.W.S.S. by vertical electrical, sounding by adopting Venner or Schlumberger's method including reconnaissance survey of Geological formation, Geophysical investigation of existing Ground water in the vicinity, its quality & acceptability of the user indicating the Location of site, recommended depth of casing pipe required to seal the top unconsolidate formation including an extra depth of 1.0 meter etc.—						
	Quantity as per C.M.B. P. No 1	=	1 Each				
	@ Rs: 34485.00/Each					=	13792.00/-

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Measurement Book

No. B

494073

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	a) sinking borewell of 165mm dia clear using 350 PSIG and above CFM and above in all strata including boring up to 200mm thick of casing pipe, collars and cap with necessary casing, threading and including transporting of rig and supporting vehicles etc., Quantity vide EMB P.No 1				= 200 Rmt		
	@ Rs = 315.00/Rmt					=	63000.00
	b) 50 to 100mm Quantity vide EMB P.No 1				= 200 Rmt		
	@ Rs: 378/Rmt 404/Rmt					=	80800.00
	c) 100mm to 150mm Quantity vide EMB P.No 1				= 200 Rmt		
	@ Rs				417.00/Rmt	=	83400.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	150 to 200mm Quantity vide EMB P.No 1				= 200 Rmtr @ Rs : 490/Rmtr	=	98000.00
6)	200 to 250 mm Quantity vide EMB P.No 1				: 200 Rmtr @ Rs : 580/Rmtr	=	116000.00
7)	250 to 300 mm Quantity vide EMB P.No 1				: 200mtr @ Rs : 641/Rmtr	=	128200.00
8)	300 to 350 mm Quantity vide EMB P.No 1				= 200 Rmtr @ Rs : 755/Rmtr	=	151000.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494071

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	a) Supply of ISI mark 175 mm nominal bore, plain end steel casing pipe - grade of steel Fe 410 of wall thickness 5.4 mm thick confirming to IS 4270: 2001 and latest amendment. Electric resistance welded steel tube material and confirming to IS 1387/1993 and manufacture by basic open hearth electric furnace length of 5 to 7 mtr both ends etc...						
	Quantity vide E MB P. NO 2				= 380.00 Rmtr		
				@	Rs : 1263.00 Rmtr	=	479940.00/-
	b) Providing 250 mm dia pre pipe 6 kg/cum etc...						
	Quantity vide E MB P. NO 2				= 78 Rmtr		
				@	Rs: 1007 Rmtr	=	78504.00/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item NO.11)	providing and fixing Borewell Cap & Clamp Set Etc----						
	Quantity vide E MB P.NO 2				= 4 Set		
	@ Rs : 1647/ Set					=	6588.00/-
Item NO.12)	Supply and delivery at site brand New 1HP/1PHASE/ 1Mpi/Sabari Atlanta/Calamal make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF Pump close coupled by means of stainless steel coupling to suitable HP suitable speed Etc--						
	Quantity vide E MB P.NO 2				= 4 NOS		
	@ Rs = 5810.00/ NOS					=	23240.00/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494075

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
13)	GI Pipe 50mm B class etc---	2					
	Quantity vide E MB	P.NO	= 1280 mm				
			@ Rs:	380/mm		=	486400.00/-
14)	Heavy duty cocks 50mm dia etc---						
	Quantity vide E MB	P.NO 2	= 216 NOS				
			@ RS:	165.00/NOS		=	35640.00/-
15)	Providing non-return valve 50mm etc---						
	Quantity vide E MB	P.NO	= 3 NOS				
			@	RS =	1647/NOS	=	6588.00/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
item 16)	Supplying and fixing out door panel up to 15 Hp Etc---						
	Quantity vide C MB P.No 3		= 4 Nos				
			@ Rs: 141863/ Nos			=	56732.00
item 17)	Submersible cable 1X3X6.00 Sqmm Etc--						
	Quantity vide C MB P.No 3		= 26MD Mtr				
			@ Rs: 138/mtr			=	348480.00
item 18)	Labour charges of erection of new / repaired submersible pump set duly						
	with GI Pipe (32/50mm) cable new submersible pump set if						
	required will be supplied Etc---						
	Quantity vide C MB	P.No 3	= 216/Reym				
			@ Rs: 81/-			=	17496.00

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No. B

Serial No. .....

Name of Work ..... From..... To.....

494076

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
19	Supplying and fixing 20" x 20" x 2.5" polished wood board made of hot rolled mild steel 15mm thick plate in both sides with marks made out of hot rolled mild steel flat and the same to the wall using tapered insulated wooden plug screw etc—						
	Quantity vide E MB P.No 3	= 4 Each					
	@ Rs: 267 Each	= 1068.00/-					
20	Supplying of 1.1 KV LT UG cable having aluminium conductor PVC insulated Extruded inner sheath galvanized steel strips etc—						
	Quantity vide E MB P.No 3	136 mtr					
	@ Rs: 137/mtr	= 18638.00					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Refere to la Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
item no 21)	Labour charges for laying of 1.1 kV class UG cable in existing trench Gi Pipe/stoneware pipe/on wall/on pole as required. in existing trench etc.						
	Quantity vide E MB P.NO 3		=	136 mtr		=	14960.00
			@ Rs: 11.00/mtr				
item no 22)	Digging of trench if 0.6m dep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc---						
	Quantity vide E MB P.NO 4 = 120 mtr						
			@ Rs: 70/mtr			=	8400.00
item no 23)	Supplying and fixing of class A (medium duty) Gi pipe wall trench to the ground level and consolidating etc						
	Quantity vide E MB P.NO 4		=	11 mtr			
			@ Rs =	307/mtr		=	4912.00

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No. B

Serial No. .....
Name of Work ..... From..... To..... 494077
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	24) supplying and fixing L.T copper lug suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete clamps, bolts, nuts, and washers etc..						
	Quantity vide M.B P.No 4					= 4 Nos	
						@ Rs: 247/Nos = 988.00/-	
	25) supplying & fixing, wiring, earth electrode for ground conduits I.C. cutouts and other equipments on the meter board using 4mm ϕ 2.9mm thick GI pipe 2.5mtr long buried in a pit etc..						
	Quantity vide M.B P.No 4					= 4 Nos	
						@ Rs: 2745/Nos = 1098.00/-	

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No.26)	Supplying & fixing of porcelain fuse channel with cut on existing wooden / panel using necessary nuts, bolts and washers etc---						
	Quantity vide E MB	P.No: 4	24 Mts				
			e&s :	159/Mts		=	3816.00
Item No.27)	supplying and fixing miniature circuit breakers on existing MCB distribution board using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-s with short circuit breaking capacity of 10K and complete wiring etc--						
	Quantity vide E MB	P.No 4	=	4Nos			
			e&s :	1569/Nos		=	6276.00

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No. B

494078

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
28)	Fabricating supplying and mounting MS box made out of SWG Suitable floor/wall mounting, fly weather proof with provision for better heat dissipation, etc--						
	Quantity vide E MB P.NO 4 = 936.00 Sqcm						
	@ Rs 0.331 Sqcm					=	29752.00
29)	Earth work excavation for pipeline trenches including depositing of banks up to a lead of 50mtr including shifting & Sorting clearing ugging and using site soils etc--						
	Quantity vide E MB P.NO 4 = 331.00 cum						
	@ Rs = 240/cum					=	79488.00/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item NO 30)	pricing and installation at site of works P.V.C. pipes including cost of pipes and specials and including lowering into trenches, laying true to line. level and perfect linking at joints, etc --						
	Quantity Vide E MB P.NO 6 = 980 Rmtr						
	@ Rs = 159/Rmtr					=	17388.00
Item NO 31)	Filling the foundations trench using approved sand as per drawing and technical specifications in 450mm layers etc --						
	Quantity Vide E MB P.NO 5 = 138 cum						
	@ Rs = 2958/cum					=	408824.00

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Measurement Book

No. B 494079

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
30)	Refilling the basement and pipeline trenches with selected available earth from trench excavation including watering etc.—						
	Quantity vide MB P.NO 5 = 193.20 cum						
	@ Rs: 94/cum					=	18161.00/—
33)	providing Gate valve 80mm etc.—						
	Quantity vide MB P.NO 5 = 40 NOS						
	@ Rs: 1644/NOS					=	65880.00/—

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Total Amount		RS :	3,81,89,539.00
				GST @ 1%		:	3,81,914.00
	Bescom Deposit charges 9140+100+1730 = 10970					4 x 10970 =	43,880
						Grand total Amt =	3,64,321.00
	CERTIFICATE						
	1) Certified that the above work done is satisfactory						
	2) No materials issued from departmentally.						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

M. A. R. 57 (Rule 116)
Measurement Book

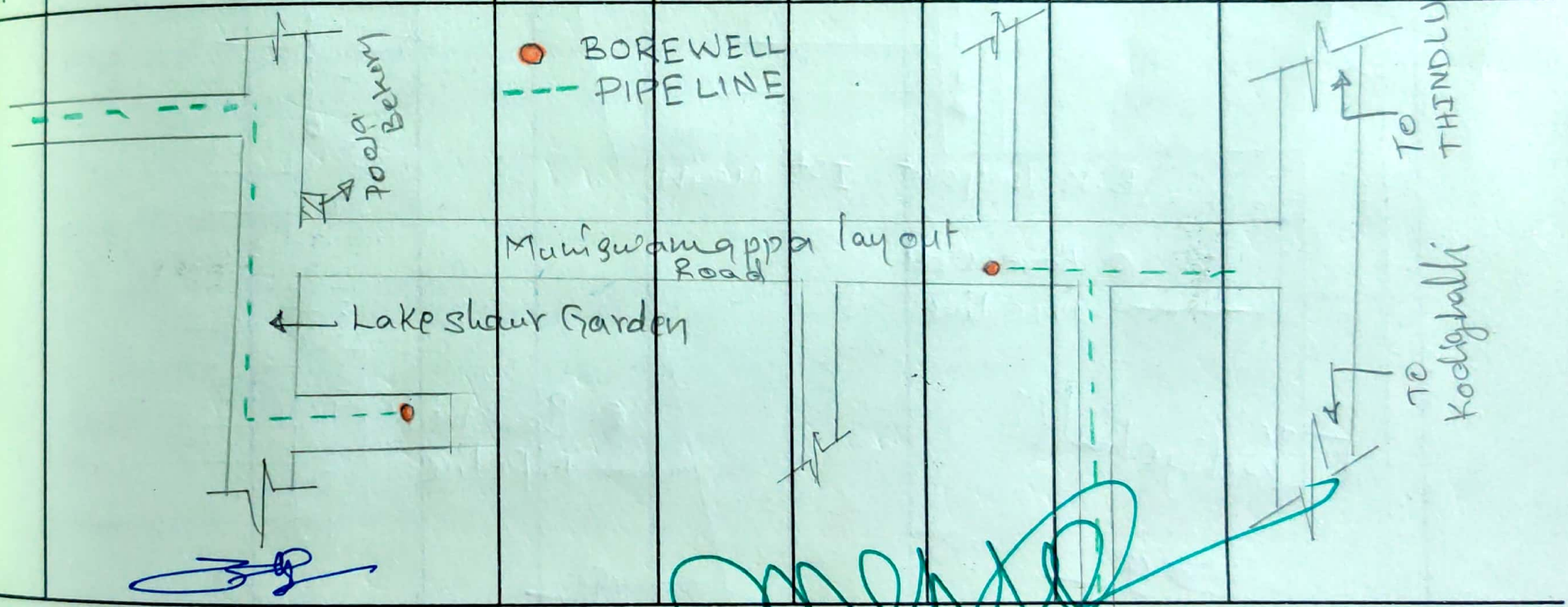
No. B

Serial No. .....

Name of Work ..... From..... To..... 494080

Name of Contractor of nature of Agency .....

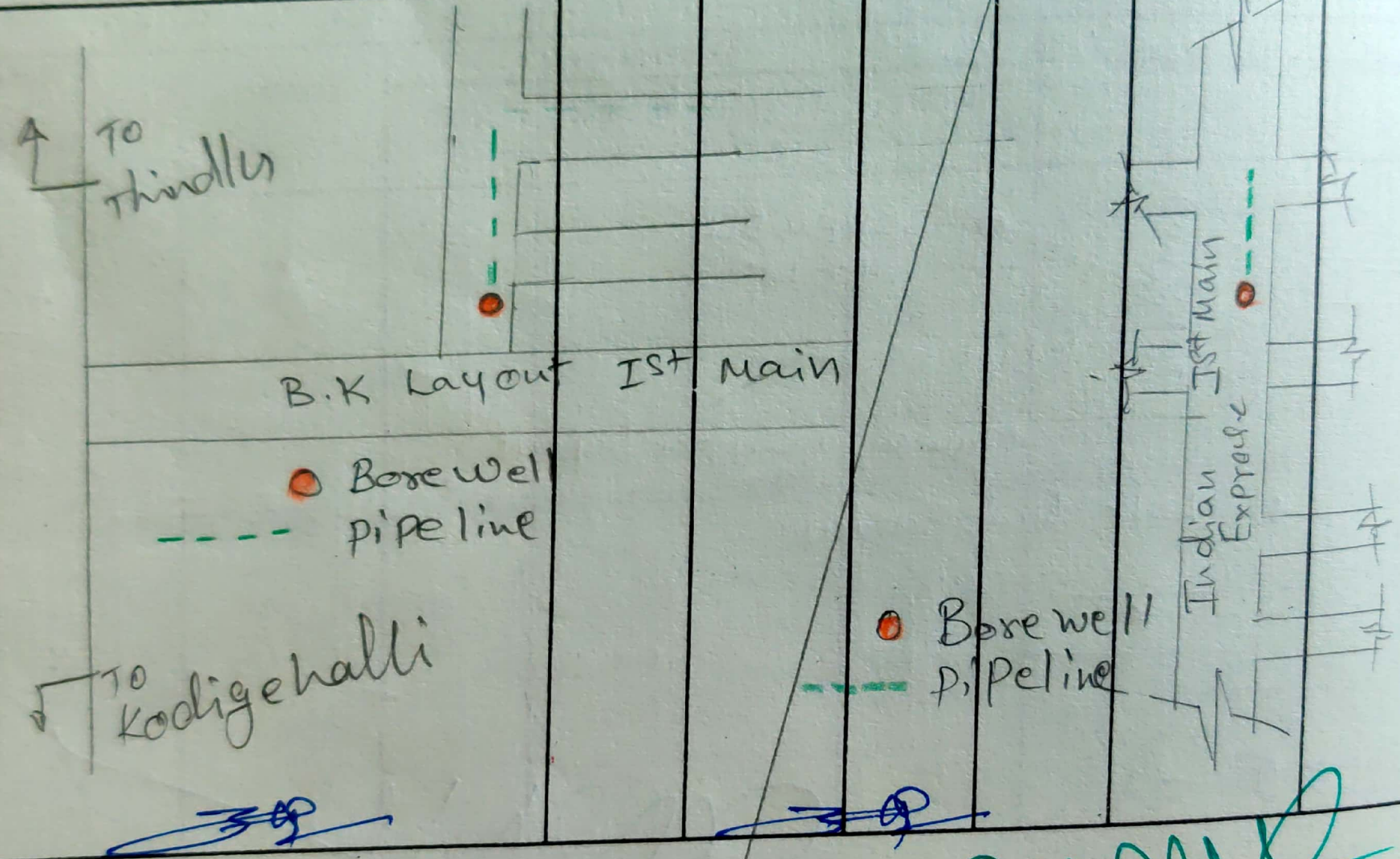
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Assistant Executive Engineer

1st & Final

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494081

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P1802 - Water Supply New ಅಡಿ			TTB	3664300	3653500.00	
	ಒಟ್ಟಾರೆ ರೂ. 3664300/= ಗಳನ್ನು ಹಾಗು ಮೂಲಕ			It	36643	3653.5.00	
	ರೂ. 325700/= ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ			CGst	32717	32621.00	
	ಮೊತ್ತ ರೂ. 33,38,600/- ಗಳನ್ನು			SGst	32717	32621.00	
				FSD	183300	182700.00	
	RTGS ಮುಖಾಂತರ ನಿಧಿಬಳಿಗೆ			Cen	36643	3653.5.00	
	ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು			CSF	3680	3688.00	
	ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ			Dcd	325700	324700.00	
				Chq	33,38,600	3328800.00	